

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

**UTILITY CONSTRUCTION PLANS
RANDOLPH COUNTY**

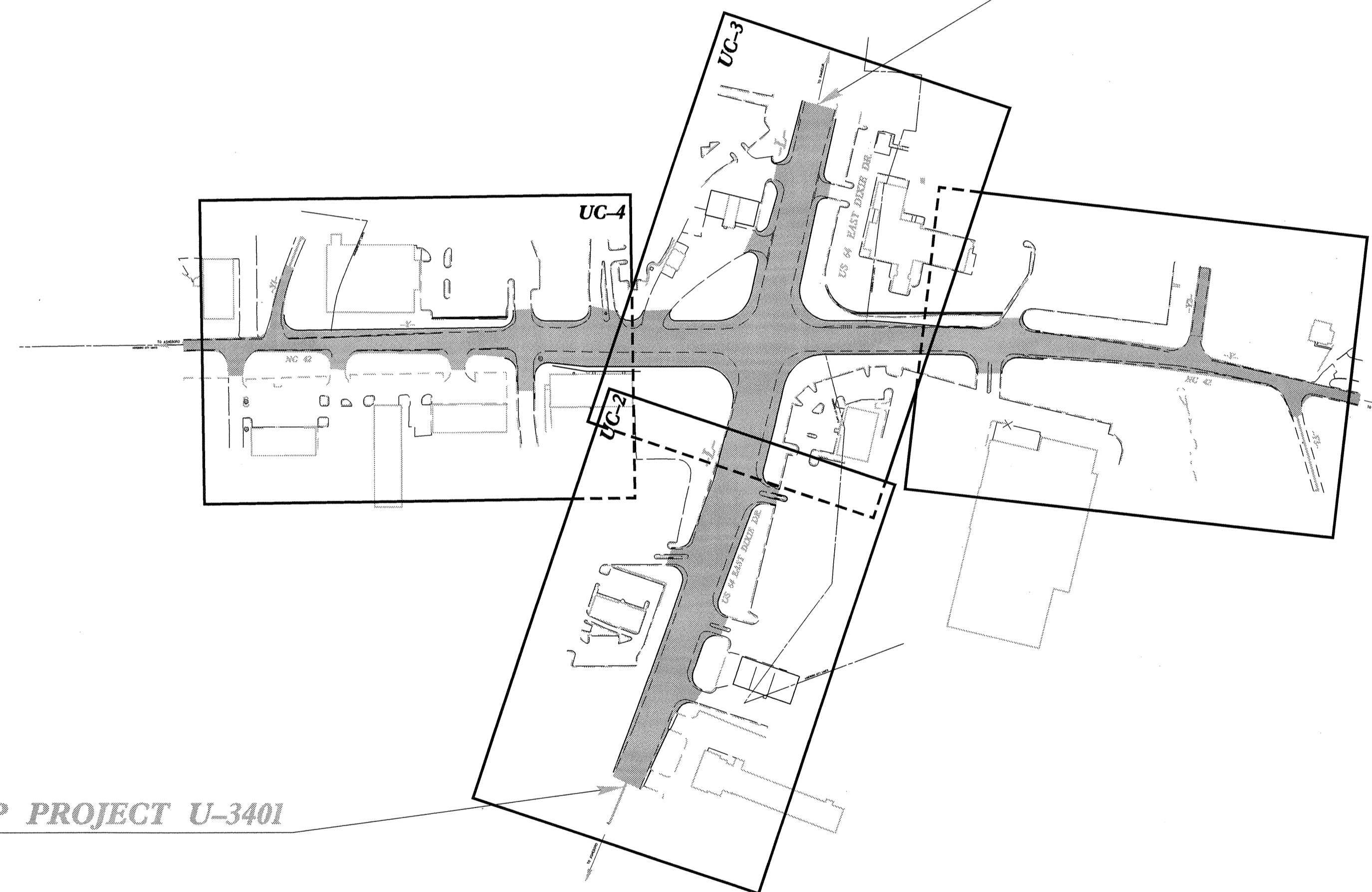
**LOCATION: INTERSECTION AT US 64/NC 49
AND NC 42 IN ASHEBORO**

TYPE OF WORK: UTILITY RELOCATION

STA. 24+21.00 -L- END TIP PROJECT U-3401

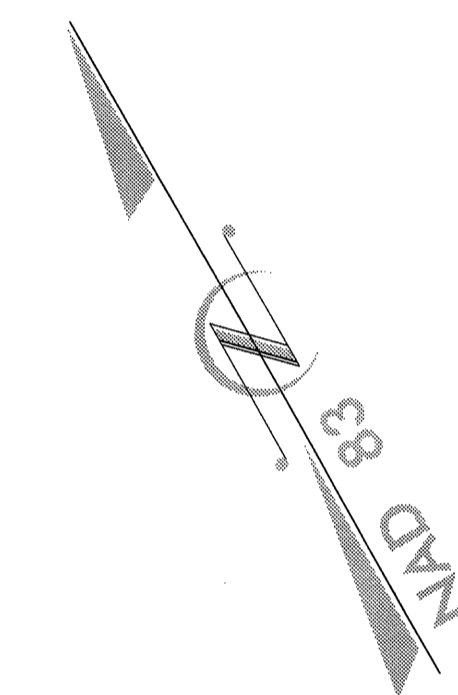


VICINITY MAP



STA. 9+75.00 -L- BEGIN TIP PROJECT U-3401

THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF ASHEBORO
2006 STANDARD SPECIFICATION FOR ROADS AND STRUCTURES



TIP PROJECT: U-3401

GRAPHIC SCALES

50 25 0 50 100



PLANS

50 25 0 50 100



PROFILE (HORIZONTAL)

10 5 0 10 20



PROFILE (VERTICAL)

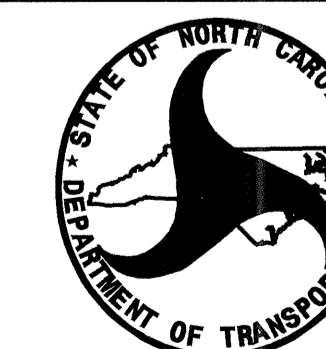
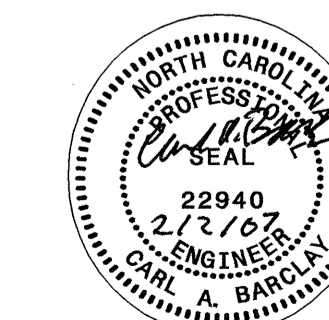
INDEX OF SHEETS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
UC-1	TITLE SHEET
UC-2 THRU UC-4	UTILITY CONSTRUCTION PLAN SHEETS
UC-5	DETAIL SHEET

WATER AND SEWER OWNERS ON PROJECT

- (1) WATER CITY OF ASHEBORO
(DUMONT BUNKER - PH. (336) 626-1201)
- (2) SANITARY SEWER CITY OF ASHEBORO

SEAL



PREPARED IN THE OFFICE OF:
**DIVISION OF HIGHWAYS
PROJECT SERVICES
UTILITY SECTION**

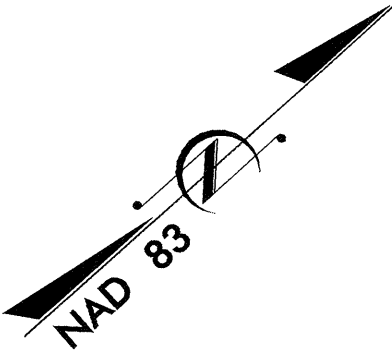
1591 MAIL SERVICES CENTER
RALEIGH NC 27699-1591
PHONE (919) 250-4128
FAX (919) 250-4119

Roger Worthington, P.E. UTILITIES SECTION ENGINEER
Carl Barclay, P.E. UTILITIES SQUAD LEADER PROJECT ENGINEER
Ali Kouchehi UTILITIES PROJECT DESIGNER

UTILITY CONSTRUCTION

WATER AND SEWER LINES ARE OWNED BY CITY OF ASHEBORO

-L-
 PI Sta 14+68.78
 $\Delta = 10^\circ 20' 42.3" (LT)$
 $D = 120' 00.0"$
 $L = 775.88'$
 $T = 389.00'$
 $R = 4297.18'$
 $e = .03$



PROP. 1- 8" GATE VALVE AND VALVE BOX FOR DETAIL SEE SHEET UC-5

1- PROPOSED CONCRETE THRUST COLLAR
 1- 8" GATE VALVE ROD THE VALVE TO THRUST COLLAR

PROP. 650' OF 8" WATER LINE, PC 350

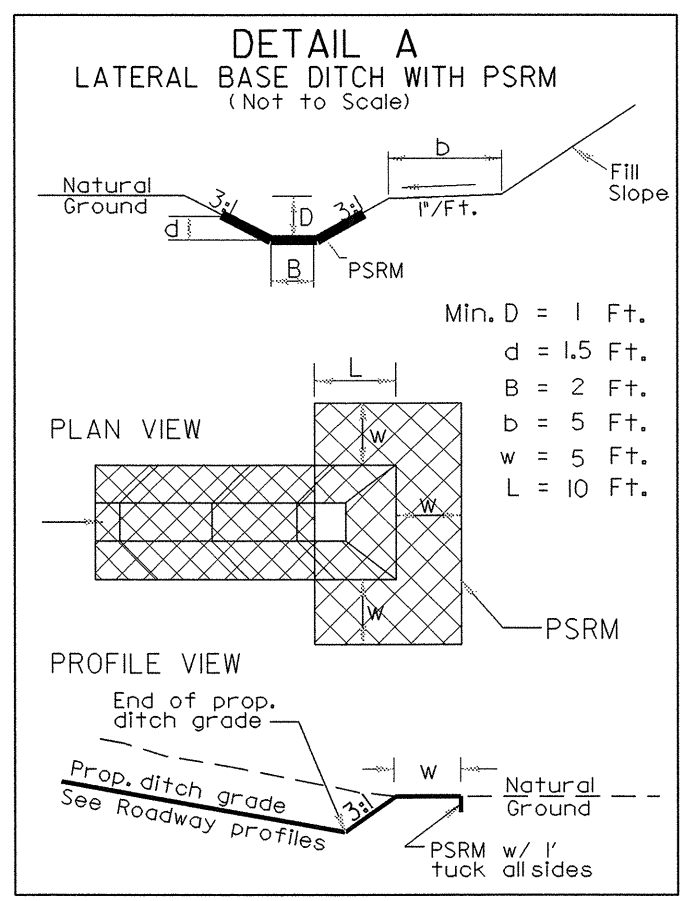
PROP. FILL OR REMOVE 480' OF EXISTING 8" AC WATER LINE

PROP. 126' OF TEMPORARY 1-1/2" PE WATER TUBING, SDR 9.
 PROP. RECONNECT EXISTING 1-1/2" AND 1" WATER METERS TO PROPOSED 8" DI WATER LINE USING 1-1/2" AND 1" COPPER TUBING, TYPE K CONNECT USING NECESSARY FITTINGS.

PROP. REMOVE 170' OF EXISTING 8" AC WATER LINE

PROP. 1- RELOCATE EXISTING FIRE HYDRANT

DATUM DESCRIPTION
 THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "U3401-1" WITH NAD 83 STATE PLANE GRID COORDINATES OF NORTHING: 710365.8988(1) EASTING: 1766561.8278(1) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999871400 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "U3401-1" TO L- STATION 9+00.00 IS 1494.3008 FT AT A BEARING OF S 47° 23' 56.079" W ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NGVD 29



MATCHLINE SEE SHEET 5

4
 US REALTY 87 ASHEBORO ASSOCIATES
 PB 22 PG 17
 DB 1396 PG 197

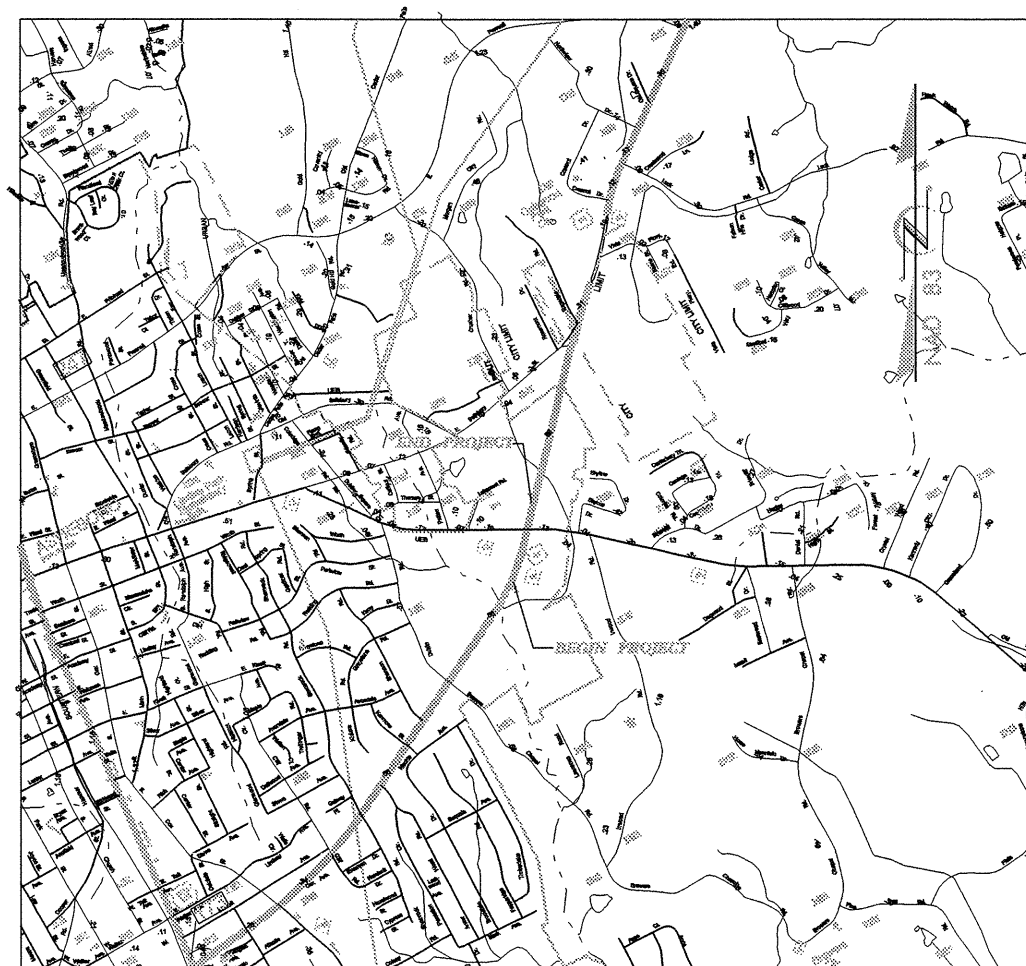
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TIP PROJECT: U-3401

T.I.P. NO.	SHEET NO.
U-3401	UO-1

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

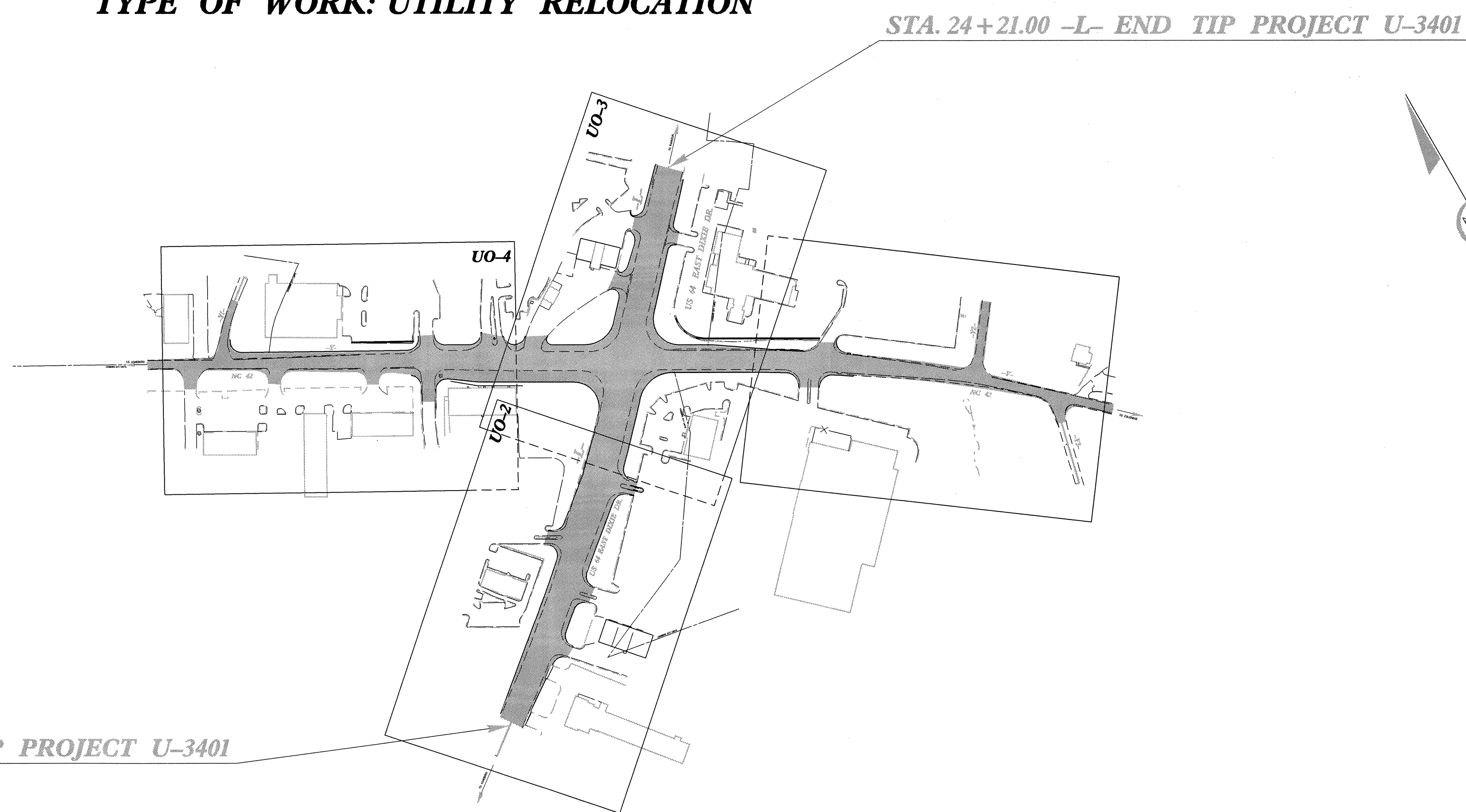
**UTILITY BY OTHERS PLANS
RANDOLPH COUNTY**



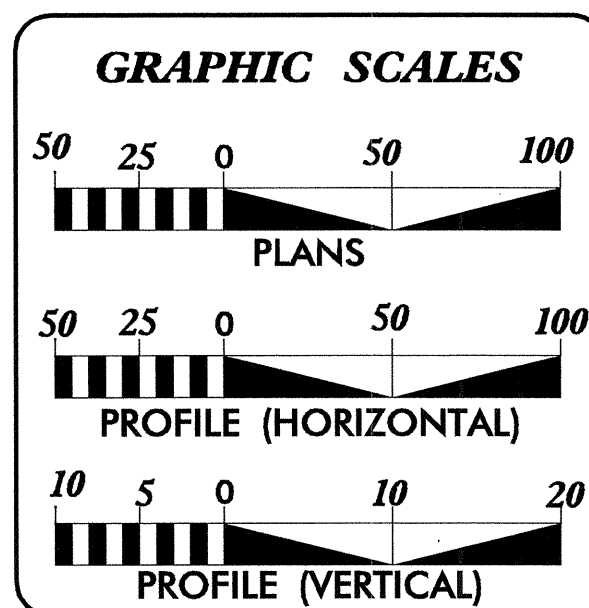
VICINITY MAP

**LOCATION: INTERSECTION OF US 64/NC 49
AND NC 42 IN ASHEBORO**

TYPE OF WORK: UTILITY RELOCATION



THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF ASHEBORO



INDEX OF SHEETS

SHEET NO.	DESCRIPTION
UO-1	TITLE SHEET
UO-2 THRU UO-4	UTILITY BY OTHERS PLAN SHEETS

UTILITY OWNERS ON PROJECT

- (1) EMBARQ (TELEPHONE)
- (2) RANDOLPH EMC (POWER AND ELECTRIC)
- (3) PIEDMONT NATURAL GAS

PREPARED IN THE OFFICE OF:
**DIVISION OF HIGHWAYS
PROJECT SERVICES
UTILITY SECTION**

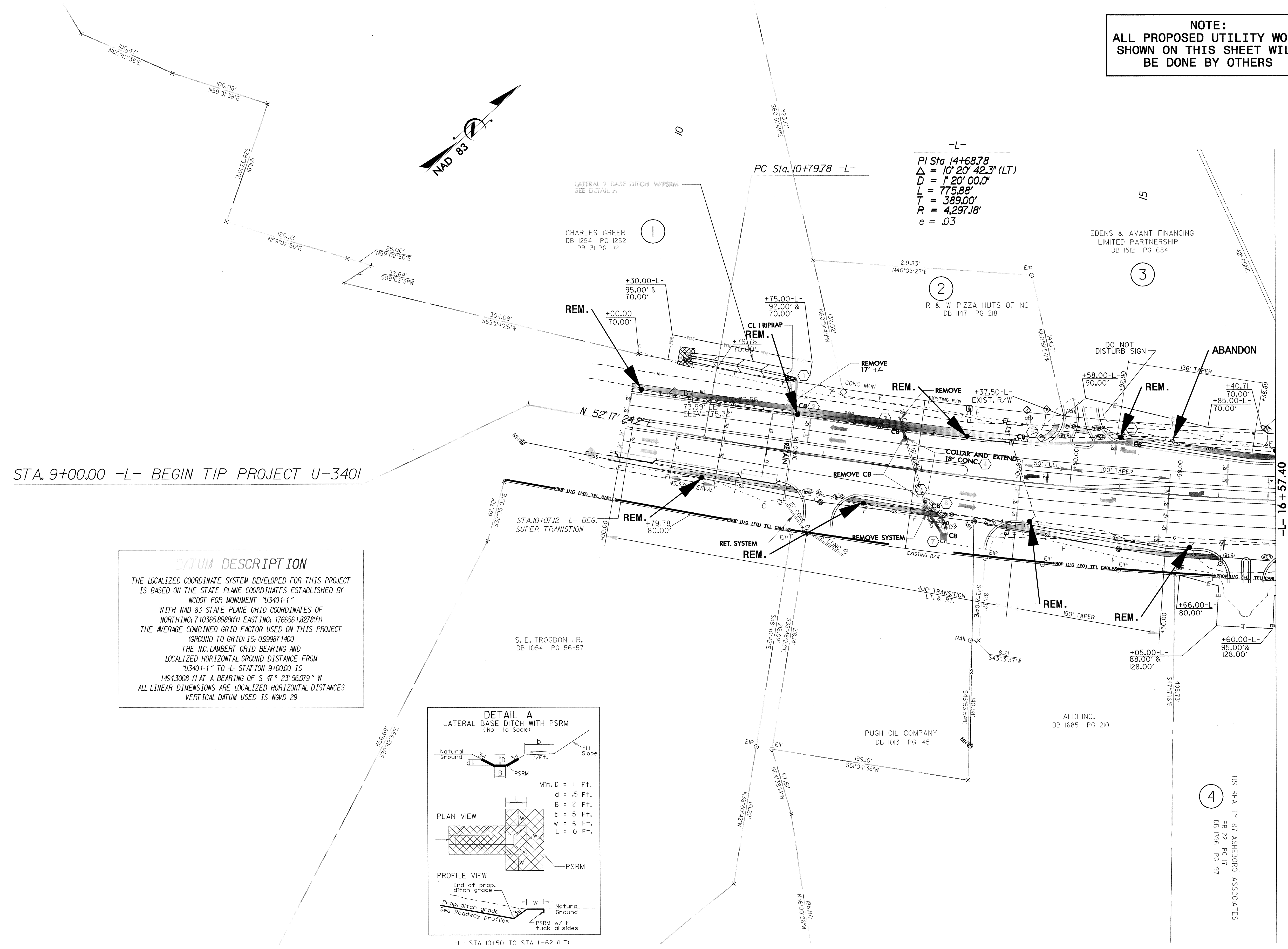
1591 MAIL SERVICES CENTER
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<u>Carl Barclay, P.E.</u>	UTILITIES SQUAD LEADER PROJECT ENGINEER
<u>Ali Kouchehi</u>	UTILITIES PROJECT DESIGNER

01-FEB-2007 07:33 P:\UTILITIES\RDY\U3401\rdy_tsh_UO-1.dgn USER:NAME

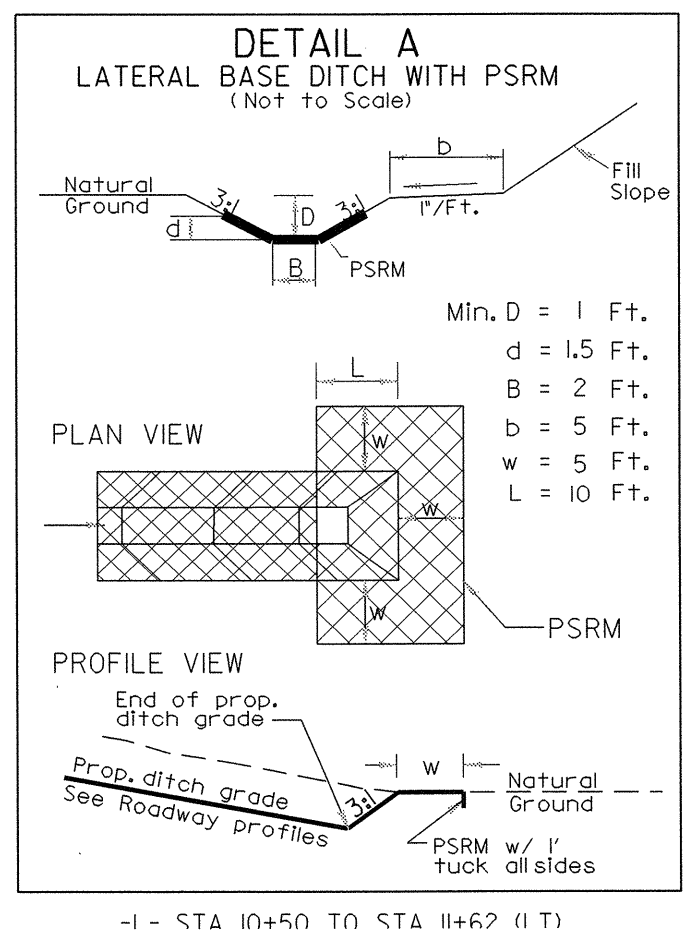
UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS



-L-
PI Sta 14+68.78
 $\Delta = 10' 20' 42.3''$ (LT)
 $D = 1' 20' 00.0''$
 $L = 775.88'$
 $T = 389.00'$
 $R = 4297.18'$
 $e = .03$

DATUM DESCRIPTION
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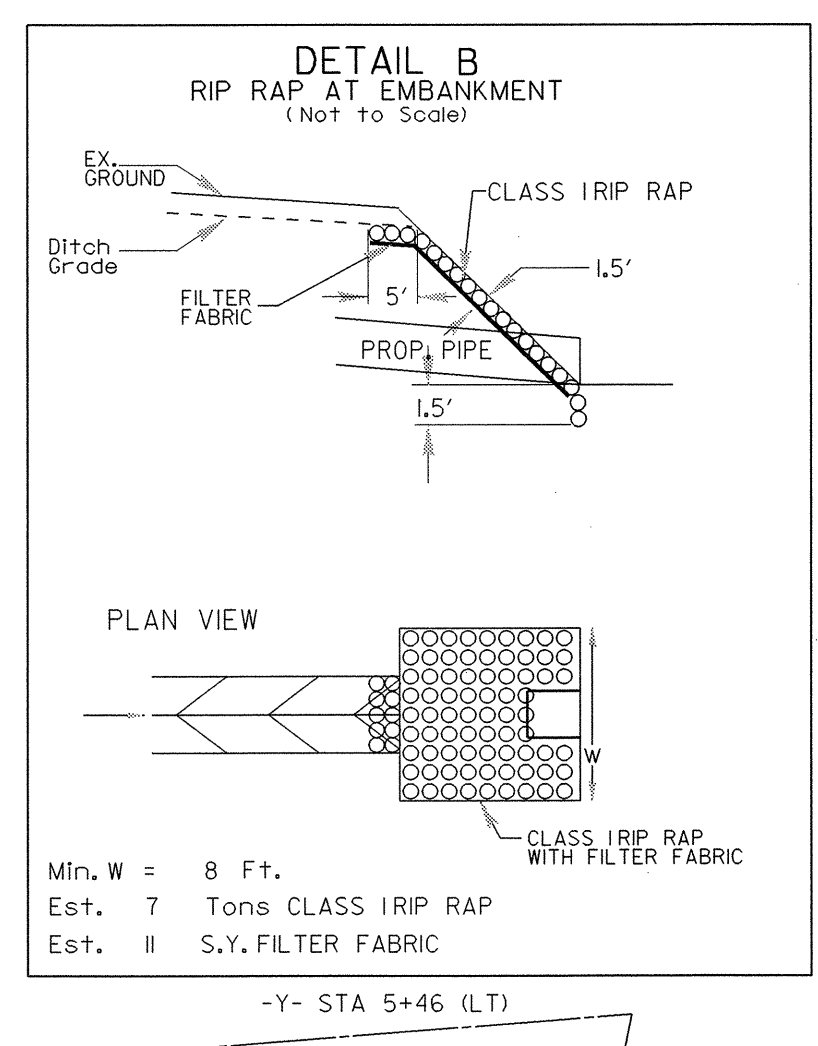
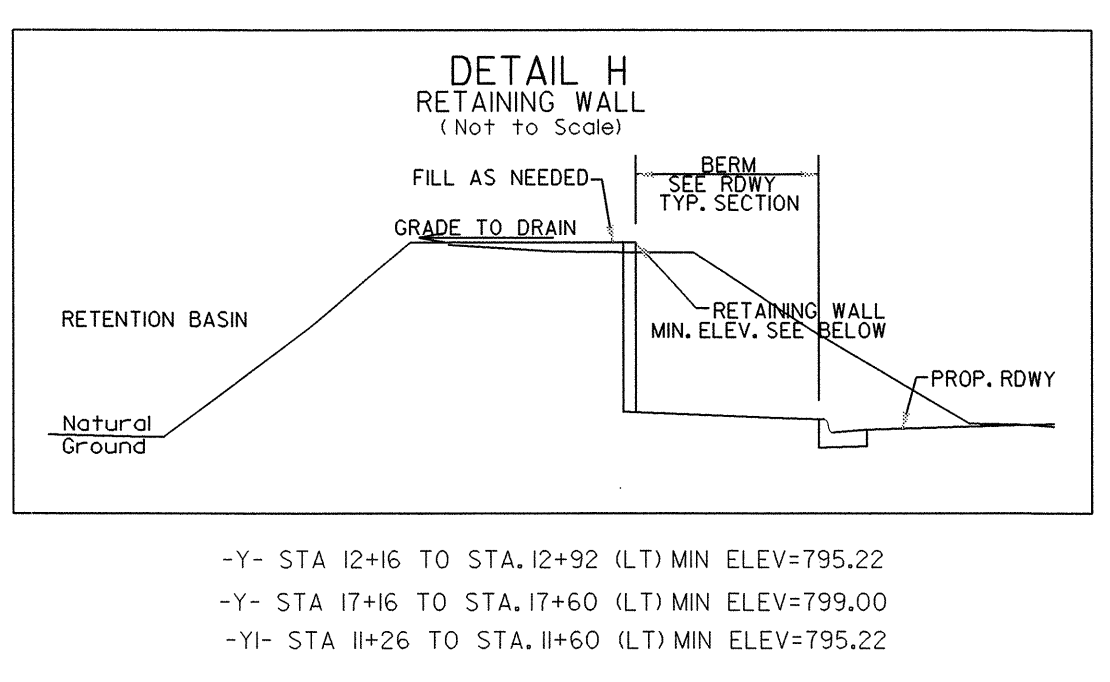
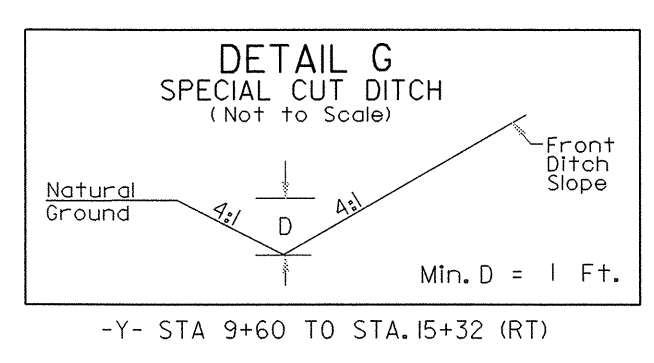
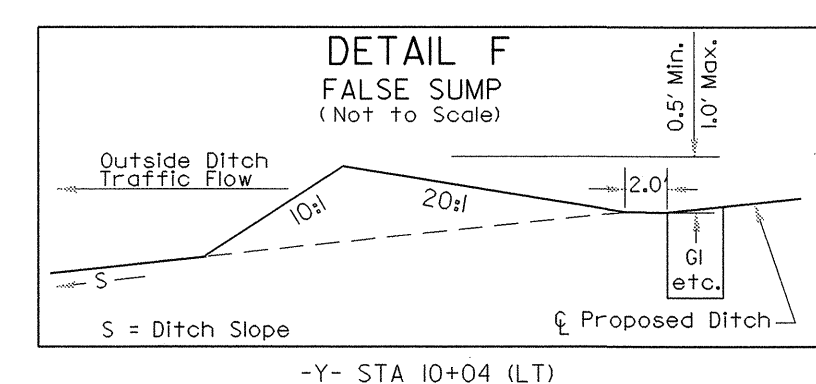
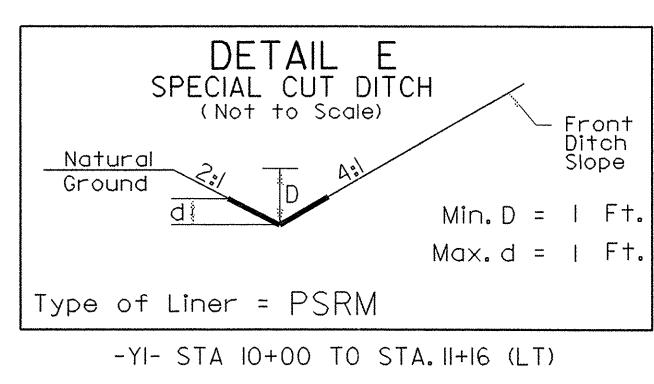
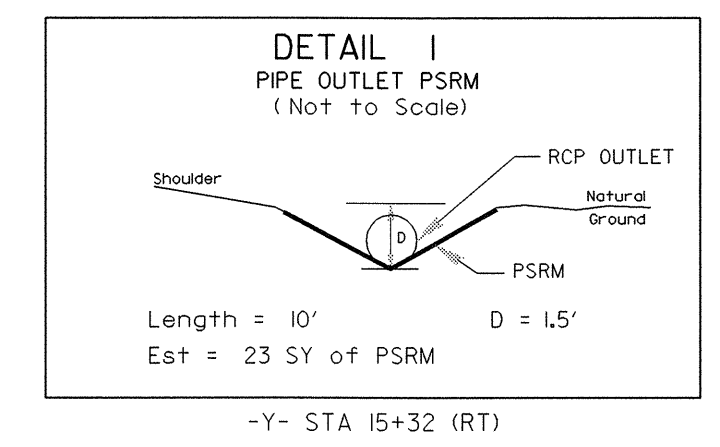
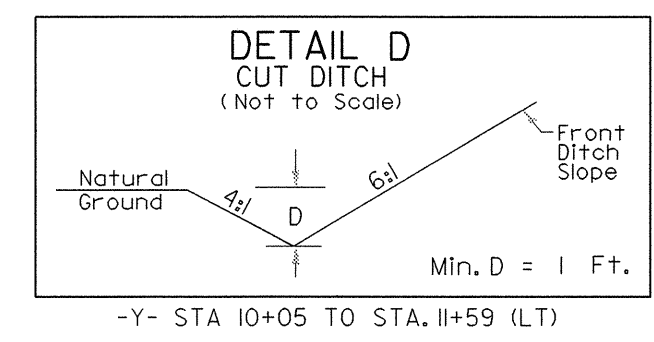
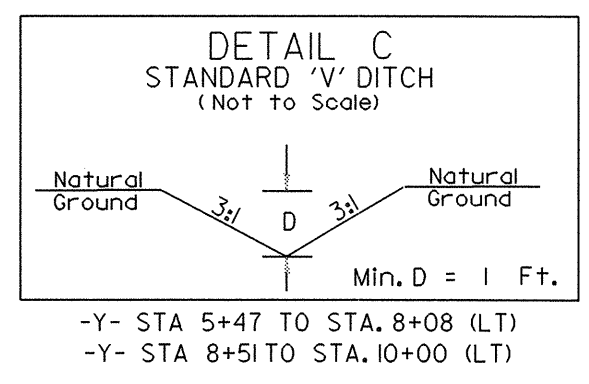
MATCHLINE SEE SHEET U0-3

4
US REALTY 87 ASHBORO ASSOCIATES
PB 22 PG 17
DB 1336 PG 197

8/17/09
08-FEB-2007 08:38
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NOTE: FOR -Y- PROFILE SEE SHEET 10
 NOTE: FOR -YI- PROFILE SEE SHEET UTILITIES BY OTHERS

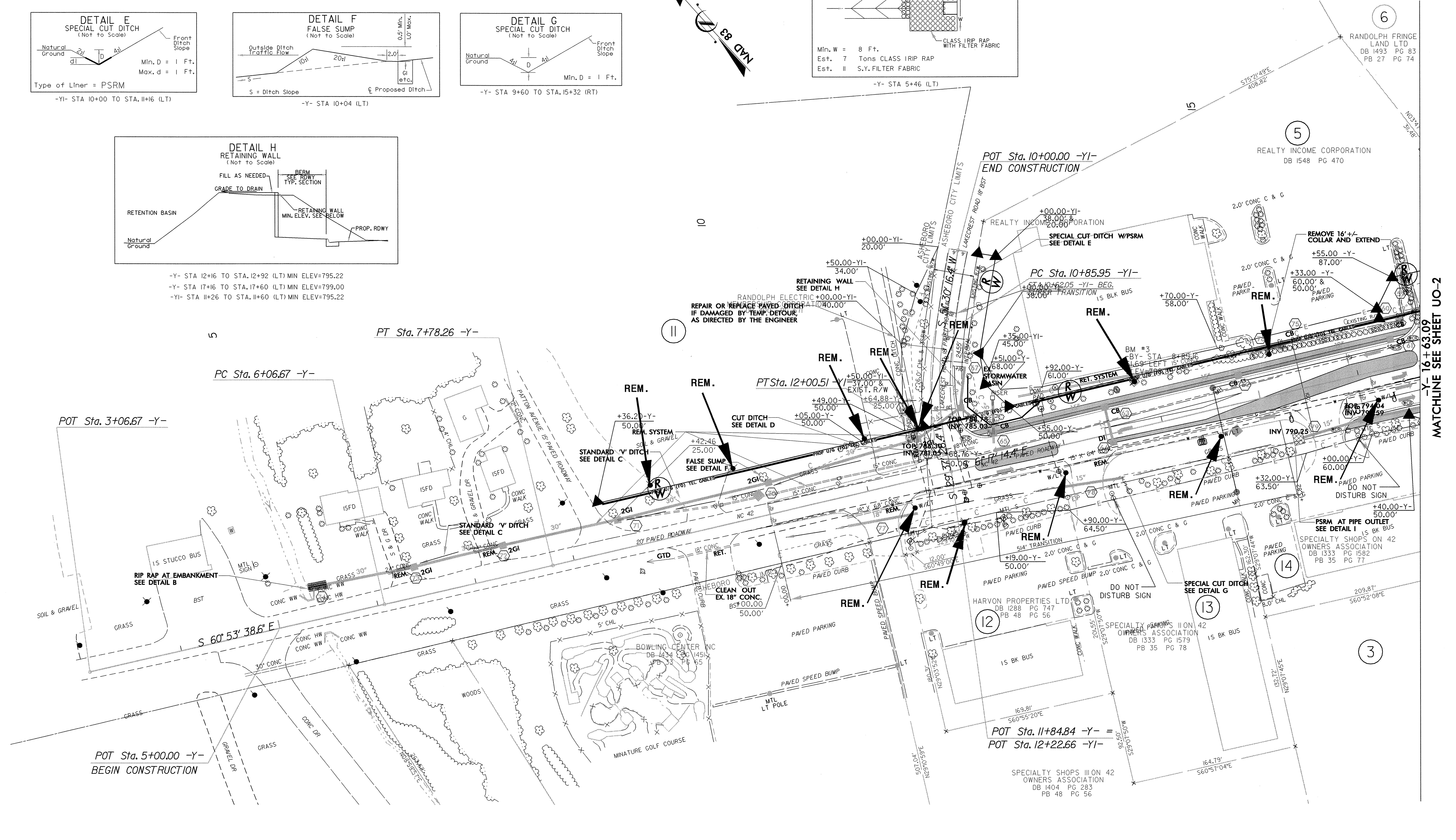
NOTE:
 ALL PROPOSED UTILITY WORK
 SHOWN ON THIS SHEET WILL
 BE DONE BY OTHERS



-Y-
 PI Sta 6+92.47
 $\Delta = 0^\circ 23' 35.7''$ (LT)
 $D = 0' 13' 45.1''$
 $L = 171.59'$
 $T = 85.80'$
 $R = 25,000.00'$

-YI-
 PI Sta 11+43.94
 $\Delta = 2^\circ 52' 50.0''$ (LT)
 $D = 19^\circ 05' 54.9''$
 $L = 114.57'$
 $T = 57.99'$
 $R = 300.00'$
 $e = RC$

5/14/99
 31-JAN-2007 16:23
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 PS228334 1/31/2007 u3401_rdy_psh06_uo_3 akoucheki PS-Oce34dtbnd



MATCHLINE SEE SHEET UO-2

